CS-N755 Network Hi-Fi Mini System

BLACK

Premium Audio Technology Meets Compact Design

Stream tracks from online music services, relax to an internet radio program, or air your digital music collection with the clarity and assurance of a high-end audio component. With wireless-capable ethernet and optional Bluetooth USB adapter, you can source music from a preloaded selection of online channels—including Pandora and Last.fm—or stream from your smart phone, PC, tablet, or iPhone®. Then there's the quality front-loading CD player, FM/AM tuner with 40-station preset memory, USB port for iPod®/iPhone®, and digital inputs linked to the 192 kHz/24-bit DAC for playback of lossless formats stored on computer. Of course, being an Onkyo product, you're assured of outstanding sound quality, with a deep and natural bass resonance. Three-Stage Inverted Darlington amplifier technology is sourced directly from the company's high-end audio components, while the symmetrical channel layout and short signal pathways reduce unwanted noise and help to produce a well-separated stereo sound. Solid two-way bookshelf speakers feature N-OMF cones for extremely precise audio reproduction. Controlled via remote app for selected smart phones, the CS-N755 integrates your digital life and elevates music to spectacular new heights.

CR-N755 Network CD Receiver

- 13 Watts per Channel (8 Ohms, 1 kHz, 0.4% THD, 2 Channels Driven, FTC)
- Plays Audio CD, CD-R, and CD-RW*1
- Internet Radio and Music Streaming Connectivity via Ethernet (Pandora®, Rhapsody, Slacker™, SIRIUS XM Internet Radio®, Last fm, AUPEO!, vTuner)*2
- Home Network Capability with DLNA Version 1.5 Certification
- Playback of Audio Files Through Local Network and USB (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM, Apple Lossless, DSD)
- Supports Onkyo Remote Apps for iPod touch®/iPhone®*3 and Android Phone*4
- Three-Stage Inverted Darlington Circuitry
- Symmetrical Power Amplifier Circuit Design
- WRAT (Wide Range Amplifier Technology)
- VLSC™ (Vector Linear Shaping Circuitry)
- Short Signal Paths Between Amplifier and Power Supply Stage
- Low Noise Design
- High Slew Rate (90 V/µsec)
- Phase-Matching Bass Boost
- Extra Transformer for Standby Mode
- 192 kHz/24-Bit Audio DAC (WM8718)
- Wide Band-Pass Filter
- Advanced Music Optimizer for Compressed Digital Music Files
- Front-Panel USB Port for iPod®/iPhone® or Flash Memory Device
- Compatible with Optional UWF-1 Wireless LAN Adapter and UBT-1 Bluetooth USB Adapter
- Digital Audio Inputs (Optical and Coaxial)
- 3 Analog Audio Inputs and 1 Output
- Subwoofer Pre-Out
- 1/16″ (1.2 mm) Thick Solid Chassis
- Display Dimmer (Normal/Dim/Dimmer)
- Transparent, Gold-Plated Speaker Posts
- 40 Preset FM/AM Stations
- Tone Control (Bass/Treble)
- Remote Control

**1 Discs should be properly finalized. *2 Availability of services depends on region. Availability of third-party services advertised here is accurate at the time of printing, but may be subject to change without notice. *3 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. (All models require iOS 4.2 or later.) *4 Requires Android OS 2.1 or later.*

D-055 2-Way Bass Reflex Speakers

- 5″ (12 cm) N-OMF Diaphragm Woofer
- 1″ (2.5 cm) Soft-Dome Tweeter
- Center-Mounted Equalizer on Woofer for Clear Vocal Sound
- Black Rubber Finish Speaker Baffle

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Ethernet for Music Streaming, Internet Radio, and Home Network Audio

Connecting to your home network via LAN cable (or wirelessly with optional UWF-1 adapter), you need only enter your account details to be granted access to a massive archive of tracks hosted by services such as Rhapsody and AUPEO!. Whatever music you're into, there's bound to be a radio channel to suit your taste among the thousands hosted at Pandora®, Slacker™, SIRIUS XM Internet Radio®, Last.fm and vTuner, which are available through your CS-N755. Ethernet connectivity enables playback of formats including MP3, AAC, Apple Lossless, FLAC, and WMA Lossless from any household PC connected to the local network.

Note: Availability of internet radio and music streaming services depends on region. Some services may require a firmware update. Availability of third-party services advertised here is accurate at the time of printing, but may be subject to change without notice.

Easy Control with Remote Apps for Smart Phone

With free remote control apps available for iPhone and Android-powered smart phones, you can get the music flowing on your CS-N755 with a few taps on your phone screen. The application is not merely a novelty, however, with the intuitive graphical user interface enabling quick and easy input selection and playback control from anywhere in the room—or indeed the house—as well as clear, easily understood graphical menus for the full range of system controls and settings.

Top Quality Amplifier for Pure Audio Clarity

While some hi-fi makers take a shortcut to amplified audio with the use of cheap all-in-one IC chips, the resulting sound too often distorts once you turn the volume up. Instead, Onkyo uses the same discrete Three-Stage Inverted Darlington Circuitry found on its flagship A/V and hi-fi components in selected compact models such as the CS-N755. The result is pure musicality from an affordable, space-saving audio system.

Low Noise Technology for Accurate Sound

Onkyo has made every effort to ensure that audio signals are protected from noise and interference. Short pathways from power supply to amplifying circuit reduce the chance of electrical interference, while a top-quality 192 kHz/24-bit DAC, three-stage amplification process and gold-plated speaker posts further maintain audio integrity. A symmetrical and uniform channel layout minimizes interference and stereo errors, and to suppress vibration, a super-rigid aluminum exterior panel is fitted. In fact, our lab testing shows the CS-N755 to reproduce audio that's four times clearer than conventional models, with a very low harmonic distortion and noise rating, while channel interference has been reduced for superbly defined stereo separation.

Phase-Matching Bass Boost System

From the warm low notes produced by a cello to the deep frequencies of electronic music, a good compact audio system should be able to deliver plenty of bass resonance. While traditional enhancement systems effectively boost low-frequency sound, they are often prone to the effects of phase shifting, which can overwhelm mid-range frequencies and muddy the sound. Our Phase-Matching Bass Boost technology effectively preserves mid-range clarity—allowing vocals and strings to shine—while maintaining a smooth, powerful bass response at all volume levels.

Front-Panel USB Port for iPod® and iPhone®

The CS-N755 front-panel USB port gives access to MP3 and AAC audio files stored iPod/iPhone. You can also load up a flash memory drive with these files types—along with lossless formats such as FLAC—and plug it in, using the system's remote to control playback. As the audio signals are transported in digital form, rather than analog, there is much less chance for signal degradation. Your music sounds cleaner and more faithful to the original. You can plug your in iPod or iPhone for an automatic recharge at any time, with the system returning to standby mode once you've disconnected the device.

Bluetooth Streaming with Optional USB Adapter

Whether you're an iPhone® user, an Android fan, or an owner of a compatible mobile device with Bluetooth capability, streaming music through your CS-N755 couldn't be easier. Just insert the UBT-1 adapter (sold separately) into either the front or rear USB port, pair the devices, and select your music. With an aptX® codec and the improved data capabilities of Bluetooth Version 3.0, you'll be delighted with sound quality approaching that of CD audio.

High-Performance Two-Way Bookshelf Speakers

The accompanying D-055 bass-reflex speakers incorporate N-OMF (Onkyo Micro Fiber) cones. N-OMF is a durable material comprising molded layers of aramid and lightweight non-woven cotton that give the diaphragm the requisite stiffness to enable a fast and accurate response. This material works in tandem with a bullet-shaped speaker equalizer to effectively absorb unwanted vibrations. Furthermore, each speaker features a soft-dome tweeter to deliver high-frequency sounds with greater finesse.

More Digital and Analog Connections

As well as a pre-out for a powered subwoofer—freeing the speakers to more efficiently handle mid and high frequencies—the CS-N755 has 96 kHz/24-bit optical and coaxial inputs. If your PC has a digital lineout, you can direct audio through the Onkyo system, with signals carried straight to the receiver's 192 kHz/24-bit DAC. Now you can experience everything from iTunes music to YouTube videos with power and precision beyond anything an average set of computer speakers can muster. As well as a front-panel USB port, there is a selection of rearside analog inputs to connect everything from your cell phone to a turntable.

SPECIFICATIONS

CD RECEIVER SECTION

Amplifier Section

Power Output	13 W+ 13 W (8 Ohms, 1 kHz, 0.4%, 2 Channels, Driven FTC) 22 W + 22 W (4 Ohms, 1kHz, 0.4%, FTC)
THD+N (Total Harmonic Distortion + Noise)	0.4% (1 kHz, 1 W)
Damping Factor	22 (1 kHz, 8 Ohms)
Input Sensitivity and Impedance	150 mV/47 k-ohms (Line)
Rated RCA Output Level and Impedance	0.15 V/330 Ohms (Line Out)
Frequency Response	10 Hz–100 kHz/+3 dB, -3 dB
Tone Control	±6 dB, 80 Hz (Bass) ±8 dB, 10 kHz (Treble) +8 dB, 30 Hz (PM Bass)
Signal-to-Noise Ratio	100 dB (Line, IHF-A)
Speaker Impedance	4 Ohms–16 Ohms

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–107.9 MHz
AM	530 kHz–1,710 kHz

General

Power Supply	AC 120 V~, 60 Hz
Power Consumption	75 W
Standby Power Consumption	0.5 W
Dimensions (W x H x D)	8 7/16″ x 4 11/16″ x 13 1/16″ (215 x 119 x 331 mm)
Weight	10.6 lbs. (4.8 kg)

SPEAKER SECTION

Speaker Type	2-Way, Bass-Reflex
Drivers	
Woofer	5″ (12 cm) N-OMF Diaphragm
Tweeter	1″ (2.5 cm) Soft-Dome
Frequency Response	55 Hz–35 kHz
Crossover Frequency	2.5 kHz
Output Sound Pressure Level	83 dB/W/m
Max. Input Power	70 W
Nominal Impedance	4 Ohms

General

Dimensions (W x H x D)	6 1/16″ x 9 5/8″ x 10 3/16″ (154 x 245 x 258 mm)
Weight	7.9 lbs. (3.6 kg)

CARTON

Dimensions (W x H x D)	19 3/16″ x 21 3/4″ x 12 3/16″ (487 x 552 x 309 mm)
Weight	33.1 lbs. (15.0 kg)

UPC CODE

(B)	751398011047

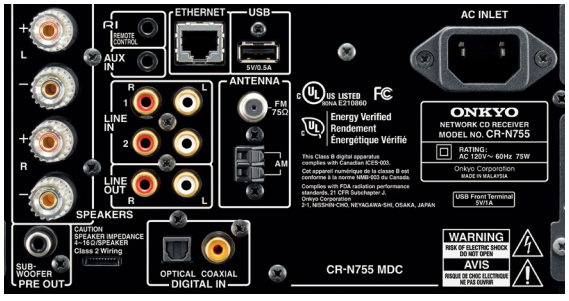
Supplied Accessories

- Indoor FM Antenna • AM Loop Antenna
- Speaker Cable and Cork Spacers • Instruction Manual
- Remote Controller • AAA (R03) Batteries x 2

CS-N755 (Front View)

Black

CR-N755 (Rear View)



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